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R. Yalder

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Mark W. Miles

Art Unit : Unknown

Serial No. :

Examiner : Unknown

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Title : INTERFEROMETRIC MODULATION OF RADIATION

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Preliminarily, please amend the application as follows:

In the specification:

Insert the following paragraph beginning at page 1, line 23:

One such design includes a filter described as a hybrid filter which has a narrow bandpass filter and an induced absorber. When the wall associated with the hybrid filter is brought into contact with a reflector, incident light of a certain range is absorbed. This occurs because the induced absorber matches the impedance of the reflector to that of the incident medium for the range of frequencies passed by the narrow-band filter.

Insert the following paragraphs beginning at page 12, line 32:

Fig. 36 is a diagram of layers of a modulator.

Fig. 37 is a perspective view of cavities in a device.

Fig. 38 is a diagram of a side view of a pixel device.

Fig. 39 is a graph of the optical response for a cavity which appears black.

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